

FIGURE 5

1 MAQALPWLILLWNGAGVLPAGHTQHGIRLPISRGLGGAPLGLRLPRETDEE 50  
1 MAPALHWLLWVGSGLPAQGTHLGIRLPISRGLAGPPLGLRLPRETDEE 50  
51 PEEPGRRGSFVEMVDNLRGKSGQGYVEMTVGSPPTLNILVDTGSSNFA 100  
51 SEEPGRRGSFVEMVDNLRGKSGQGYVEMTVGSPPTLNILVDTGSSNFA 100  
101 VGAAPHPFLHRYYCRLSSTYRDLRKGVYVPYTQGWEGELGTDLVSIPI 150  
101 VGAAPHPFLHRYYCRLSSTYRDLRKGVYVPYTQGWEGELGTDLVSIPI 150  
151 GPNVTVRANIAAITESDKFFINGSNWEGILGLAYAEIARPDSDLEFFDS 200  
151 GPNVTVRANIAAITESDKFFINGSNWEGILGLAYAEIARPDSDLEFFDS 200  
201 LVKQTHVPNLFSLQCGAGFPLNQSEVLASVGGSMIIGGIDHSLYTGSLW 250  
201 LVKQTHVPNLFSLQCGAGFPLNQSEVLASVGGSMIIGGIDHSLYTGSLW 250  
251 YTPIRREWYVEVIVRVEINGQDLKMDCKEYNYDKSIVDSGTTNLRPLPK 300  
251 YTPIRREWYVEVIVRVEINGQDLKMDCKEYNYDKSIVDSGTTNLRPLPK 300  
301 VFEEAAVKSIIKAASSTEKFPDGFVLGEQLVCWQAGTTPWNIFPVISLYLMG 350  
301 VFEEAAVKSIIKAASSTEKFPDGFVLGEQLVCWQAGTTPWNIFPVISLYLMG 350  
351 EVTNQSFRTILPQQYLRPVEDVATSQDDCYKFAISQSSTGTVMGAVIME 400  
351 EVTNQSFRTILPQQYLRPVEDVATSQDDCYKFAISQSSTGTVMGAVIME 400  
401 GFYVVFDRARKRIGFAVSACHVHDEFRTAAVEGPFVTLDMEDCGYNIPQT 450  
401 GFYVVFDRARKRIGFAVSACHVHDEFRTAAVEGPFVTLDMEDCGYNIPQT 450  
451 DESTLMTIAYVMAAICALFMLPLCLMVCQWRCLRCLRQHHDDFADDISLL 500  
451 DESTLMTIAYVMAAICALFMLPLCLMVCQWRCLRCLRQHHDDFADDISLL 500  
501 K 501  
501 K 501

FIGURE 6 (1)

ATGGCTAGCATGACTGCTGGACAGCAAAATGGGTGCGGGATCCACCCAGACGGCATCCGG  
 M A S M T G G Q Q M G R G S T Q H G I R  
 CTGCCCCCTGCGCAGCGGCTGGGGGGCGCTCTCTCTGGGCTGCGGGCTGCCCCGGGAGACC  
 L P L R S G L G G A P L G L R L P R E T  
 GACGAAGAGCCCGAGGAGCCCGCGGAGGGGAGCTTTGTGGAGATGGTGGACAACTG  
 D E E P E E P G R R G S F V E M V D N L  
 AGGGGCAAGTCCGGGCGGGCTACTACGTGGAGATGACCTGGGCGAGCCCCCGGAGAGC  
 R G K S C Q C Y Y V E M T V C S P P Q T  
 CTCACATCCTGGTGGATACAGGAGCAGTAACCTTGCACTGGGTGCTTCCCCCTACCCC  
 L N I L V D T G S S N F A V G A A P H P  
 TTCCTGCATCGCTACTACAGAGGAGCTGTCCAGCAGATACCGGGAGCTCCGGAGAGGGC  
 F L H R Y Y Q R Q L S S T Y R D L E K G  
 GTGTATGTGCTTACACCCAGCCCAAGTGGGAAGCGAGCTGGGCAACGACCTGTAAAC  
 V Y V P Y T Q G K W E G E L G T D L V S  
 ATCCCCCATGGCCCCAAGCTACTGTGGGTGCCAACAATTGCTGCCATCACTGAATCAGAC  
 I P H G P N V T V R A N I A A I T E S D  
 AAGTTCTTCATCAACGGCTCCAACTGGGAAGGATCCTGGGGCTGGCTATGCTGAGATT  
 K F F I N G S N W E G I L G L A Y A E I  
 GCCAGGCTGACGACTCCCTGGAGCTTTCTTTGACTCTCTGGTAAAGCAGACCCAGTT  
 A R P D D S L E P F F D S L V K Q T H V  
 CCCAACCTCTTCTCCTCGAGCTTTGTGGTGGCTTCCCCCTCAACCAAGTCTGAAGTG  
 P N L F S L Q L C G A G F P L N Q S E V  
 CTGGCCTCTGTGGAGGAGCATGATCATTGGAGGTATCGACCACTCGCTGTACACAGGC  
 L A S V G G S M I I G G I D H S L Y T G  
 AGTCTCTGTATACACCCATCCGGCGGGAGTGGTATTATGAGGTCTATCTGTGGGGTG  
 S L W Y T P I R R E W Y Y E V I I V R V  
 GAGATCAATGGACAGGATCTGAAAATGGACTGCAAGAGTACAATATGACAAGGACATT  
 E I N G Q D L K M D C K E Y N Y D K S I  
 CTGGACAGTGGCACCACCAACCTTCCTTTGCCCAAGAAAGTCTTTGAAGCTCAGTCAAA  
 V D S G T T N L R L P K K V F E A A V R  
 TCCATCAAGGAGGCTCCTCCACGGAGAACTTCCCTGATGGTTCTGGCTAGGAGAGCAG  
 S I K A A S S T E K F P D G F W L G E Q  
 CTGGTGTGCTGSCAAGCAGGACACCCCTTGGAACATTTCCCACTCATCTCACTCTAC  
 L V C W O A G T T P W N I F P V I S L Y  
 CTAATGGGTGAGGTTACCAACAGTCTTCCGATCACCATCCTTCCGAGCAATACCTG  
 I M G E V T N Q S F R I T I L P Q Q Y L  
 CGGCCAGTGAAGATGTGGCCAGTCCCAAGACGACTGTACAAAGTTGCCATCTCACAG

FIGURE 6 (2)

R P V E D V A T S Q D D C Y K F A I S Q  
TCATCCACGGCCACTCTTATCCACGCTTATCATCCAGGCTTCTACCTTGTCTTCAT  
S S T G T V M G A V I M E G F Y V V F D  
CGGGCCCGAAAACGAATTGGCTTTGCTGTCAGCGCTTGCCATGTGCACGATGAGTTCAGG  
R A R K R I G F A V S A C H V H D E F R  
ACGGCAGCGGTGGAAGGCCCTTTTGTACCTTGGACATGGAAGACTGTGGCTACACATT  
T A A V E G P F V T L D M E D C G Y N I  
CCACAGACAGA.GAGTCAAGA  
P Q T D E S \*